

Claims

1. Mould holder (2, 3) comprising an accomodation (6) for receiving a mould part (4, 5) and a fixing (7) for fixing to an injection moulding machine, characterised in that said mould holder comprises two end face parts (10, 11) located opposite one another and spacers (12, 13) arranged between them, wherein said accomodation (6) is delimited between said end parts and said spacers and wherein there are first prestressing means (14, 16) to pull said end face parts towards one another with prestressing.

10 2. Mould holder according to Claim 1, wherein there are second prestressing means (15, 17) to pull said spacers towards one another.

3. Mould holder according to one of the preceding claims, wherein said prestressing means comprise tensioning rods.

15

4. Mould holder according to Claim 3, wherein said prestressing means for drawing said end parts towards one another extend in said spacers.

20 5. Mould holder according to one of the preceding claims, wherein said spacers have a triangular shape.

6. Mould holder according to one of the preceding claims, wherein said prestressing means comprise hydraulic prestressing means (20, 21).

25 7. Mould holder according to Claim 6, having a hydraulically deformable part designed to move in said accomodation.

8. Mould holder according to one of the preceding claims, wherein the spacers consist of a number of spacer members placed on top of one another.

30

9. Method for the production of a mould assembly, comprising the provision of a mould holder with an accomodation and placing a mould part in said accomodation, characterised in that the mould holder comprises at least two mould holder parts joined with prestressing

means, each of which mould holder parts delimit part of said accomodation and in that prestressing is applied to said prestressing means after said mould part has been introduced.

10. Method for operating an injection moulding machine, comprising fitting therein at
5 least two mould parts that can be moved with respect to one another and delimit an injection moulding cavity between them, wherein at least one mould part is placed in an accomodation in a mould holder, which accomodation is positioned around said mould part with a tight fit by at least two prestressing means held together by hydraulic prestressing, wherein said prestressing is applied after said mould parts have moved completely towards
10 one another and is removed after injection of the plastic and before said mould parts move apart.